EAST Search History

EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	("6697111" "6535247" "5708836" "7511739" "7420603" "7382008").PN. "20060044437" "20040135070"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 13:51
L2	11	["20040041077" "20050110884" "20050110885" "6166768" "6307195" "6486503" "6667768" "6850278" "7015964" "7259790" "7271835"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 13:54
L3	4	("4851890" "5122850" "5476808" "6351001"). PN. OR ("7420603"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 14:02
L4	3	("5818526" "5898168" "6043479").PN. OR ("7067792").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 14:03
L27	1	09/929037	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 14:32
L28	9	("4839735" "5471246" "5623306" "5986297" "6166768" "6667768" "7002626").PN. OR ("7271835").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 14:48
L29	194	(scan\$4 shift\$3 driv\$3) near5 (high\$3 increas\$3 fast\$3 short\$3) near5 (transfer\$4 transmi\$4) near5 (on hi rais\$3 ramp\$3 inclin\$3 rise\$1 rising\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 15:40
L30	228	(scanS4 shiftS3 drivS3) near5 (higher highest increasS3 faster fastest shorter shortest) near5 (transferS4 transmiS4) near5 (on hi pullS3 raisS3 rampS3 inclinS3 riseS1 risingS1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 15:50

L31	105	(scan\$4 shift\$3 driv\$3) near\$ (higher highest increas\$3 faster fastest shorter shortest) near\$ (transfer\$4 transmi\$4) near\$ (on hi pullup (pull\$3 near\$ up nis\$\$3 ramp\$3 inclin\$3 ris\$\$1 rising\$\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2009/12/17 15:52
L32	12799		US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/12/17
L33	1683	348/308.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L34	697	348/302.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L35	152	348/304.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L36	132	348/307.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L37	32	348/309.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L38	154	348/310.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21

L39	1231	348/241.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L40	4699	250/208.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L41	7522	L34 L35 L36 L33 L37 L38 L39 L40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L42	420	348/243.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L43	104	348/248.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L44	93	348/249.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L45	160	348/250.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L46	291	348/251.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L47	215	348/252.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L48	202	358/513.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21

L49	61	250/214rc.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L50	1443	L42 L43 L44 L45 L46 L47 L48 L49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L51	8674	L41 L50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L52	16	32 and 51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L53	16	52 and (transfer\$4 shift\$3 tx\$1 tfx\$1 tfr\$1 tr\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:32
L54	10	["20020163584" "20030016296" "20040262679" "20050017155" "20050017704" "20060146158" "4878120" "6864920" "7022965" "7110030"). PN. OR ("7554074"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 16:38
L55	18	("3845295" "4954895"). PN. OR ("7110030"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 16:39

L56	48	("20020027189"	US-PGPUB;	OR	ON	2009/12/17
	******	"20030164887" I	USPAT; USOCR			16:42
		"20040119864" I				
		"20050122418" I				
		"20050168618" I				
		"20050174552" I				
		"20050179796" I				
		"20050185074" I				
		"20050268960" I				
		"20050269604"				
		"20060027843" I				
		"20060043261"				
		"20060043393" I				
		"20060043439" I				
		"20060043440"				
		"20060044434" I				
		"20060044439"				
	-	"20060157759" I				
		"20060158539" I				
	******	"20060158543" I				
	***	"20060208161"				
	******	"20060208291"				***
		"20060208292"				
		"20060221667"				
		"20070018080"				
		"20070085110" I				
		"20070126886" I				
		"5121225" "5245203"				
		"5261013" "5352920"				
		"5475211" "5563405"				
		"5698892" "6188094"				
		"6307195" "6605850"				
		"6670990" "6946637"				
		"6960751" "6974975"				
		"7016089" "7110030"				
		"7126102" "7187052").				
		PN. OR ("7321110").				
		URPN.				
L57	1	"20020027189"	US-PGPUB;	OR	ON	2009/12/17
			USPAT; USOCR			17:01
L58	9	("2002/0027189").URPN.	USPAT	OR	ON	2009/12/17
						17:03
L59	152	348/304.ccls.	US-PGPUB;	OR	OFF	2009/12/17
		***	USPAT; USOCR;			17:04
			FPRS; EPO; JPO;			
	-		DERWENT;			
		***	IBM_TDB			
L60	104	59 and ((transfer\$4 shift\$3	US-PGPUB:	OR	OFF	2009/12/17
200	10-1	tx\$1 tfx\$1 tfr\$1 tr\$1) near5	USPAT; USOCR;		0.1	17:05
		(speed tim\$3 rise rising fall	FPRS; EPO; JPO;			1,,,,,
		\$3 transition gate on off))	DERWENT;		-	
		os dansaton gate on orry)	IBM_TDB			
	2	3	ELLIT TIVD	1	1	8

L61	1837	348/e3.018.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 17:16
L63	10771	(transfer\$4 shift\$3 transmi \$4 tx\$1 tfx\$1 tfx\$1 tr\$1) with open\$3 with (different faster fastest shorter shortest longer longest increas\$3 decreas\$3 slower slowest minimiz\$3 maximiz \$3 higher highest) with clos \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 17:33
L64	10	63 and 51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 17:40
L65	2	63 and 61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 17:48
L68	149	((TORU) near2 (KOIZUMI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 18:10
L69	109	((TETSUNOBU) near2 (KOCHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 18:11
L70	4	("2002/0054390").URPN.	USPAT	OR	ON	2009/12/17 18:11
L71	20	["20010000068"] 20020054390"] 20030107669"] 20030117510"] 20030117510"] 20030230763"] 20030052554"] "200370176176"] "6518090"] "6633613"] "6653617"] "6783237"] "6809320"] "6831685"] "6830984"] "683084"] "683084"]	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17
L72	89	((HIROKI) near2 (HIYAMA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 18:12
S1	1673	348/308.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 15:20

S2	1228	S1 and transfer\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 15:22
S3	70	\$1 and (transfer\$4 near4 (speed\$3 rate\$1 velocit\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 15:25
S4	5	("6051857").PN. OR ("6946638").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 15:28
S5	7	("20020149688" "20030179304" "5278656" "5856686" "5998818").PN. OR ("6903771").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 15:29
S6	0	\$5 and ((transfer\$4 tx\$1 tr \$1) near4 (speed\$3 rate\$1 velocit\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 15:35
S7	3	S5 and ((transfer\$4 tx\$1 tr \$1) near4 (speed\$3 rate\$1 velocit\$3 tim\$3 period\$1 interval\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 15:35
S8	693	348/302.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33
S9	152	348/304.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33
S10	132	348/307.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33
S11	32	348/309.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33
S12	154	348/310.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33

S13	1226	348/241.ecls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33
S14	4690	250/208.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33
S15	7495	\$8 \$9 \$10 \$1 \$11 \$12 \$13 \$14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33
S16	367	(transfer\$4 shift\$3) same ((response near5 (tim\$3 interval duration clock\$3 period)) with ((low near3 high) (off near3 on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 16:34
S17	1976	(transfer\$4 shift\$3) same (((transition response) near\$ (speed\$1 velocit\$3 rate\$1 ns tim\$3 interval duration clock\$3 period)) with ((low near\$ high) (off near\$ on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 16:40
S18	5104	(transfer\$4 shift\$3) same (((chang\$3 conver\$4 transition response) near5 (speed\$1 velocit\$3 rate\$1 ns tim\$3 interval duration clock\$3 period)) with ((low near3 high) (off near3 on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 16:42
S19	5598	(transfer\$4 shift\$3) same (((chang\$3 conver\$4 transition response) near\$ (speed\$1 velocit\$3 rate\$1 ns eccon\$1 microsecond \$1 microsec\$1 tim\$3 interval duration clock\$3 period)) with ((low near3 high) (off near\$ on)))	US-PGPUB; USPAT; USOCR; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 16:43
S20	36	S15 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 16:44

S21	3353	(transfer\$4 shift\$3) same (((fall\$3 drop\$4 conver\$4 transition response) near\$ (speed\$1 velocit\$\$ rate\$1 ns second\$1 microsecond \$1 microsec\$1 tim\$3 interval duration cloc\$3 period)) with ((low near\$ high) (off near\$ on)))	US-PGPUB; USPAT; USOCR; EPO; IPO; DERWENT; IBM_TDB	OR	MON	2009/12/08
S22	419	348/243.ccis.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:06
S23	104	348/248.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:06
S24	93	348/249.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:06
S25	160	348/250.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:06
S26	291	348/251.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:06
S27	215	348/252.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:06
S28	202	358/513.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:08
S29	61	250/214rc.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:10

S30	1442	\$22 \$23 \$24 \$25 \$26 \$27 \$28 \$29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:11
S31	8647	\$15 \$30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:11
S32	5457	(transfer54 shiftS3 Id (float \$3 near2 diffusion51) tx51 trx51 tx51 tx61 drain capacitor51 residual) same ((tfall53 drop54 conver54 transition response) near5 (speed51 velocit\$3 rate51 ns second\$1 microsecond \$1 microseco1 tim\$3 interval duration clock\$3 period)) with ((low near3 high) (off near3 on)))	US-PGPUB; USPAT: USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 17:14
S33	42	\$31 and \$32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 17:15
S34	5478	(transferS4 shiftS3 fd (float \$3 near2 diffusionS1) txfer \$1 mf3 1xferS1 tx51 txfs1 txS1 txS1 tx51 tx51 tx61 capacinoS1 residual) same ((tfallS3 dropS4 converS4 transition response) near5 (speedS1 velocitS3 rateS1 ins secondS1 microsecond \$1 microsecS1 timS3 interval duration clock\$3 period)) with (flow near3 high) (off near5 on))	US-PGPUB; USPAT; USOCR; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 17:20

S35	9760	(transfer54 shift53 fd (float 53 near2 diffusion51) txfer 51 mt51 xfer51 tx51 trfx51 tx51 tx51 tx51 tr51 drain capacitof51 residual) same ((tfalt53 rise51 rising52 elevat54 declin53 inclin53 exponential52 drop54 transition53 response51) with (speed51 velocit53 rate51 ns second51 microsecond51 microsec51 tim53 interval51 rang53 duration clock53 period1) with ((low near3 high) (off near5 onl))	US-PATU USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	Wannennamennamennamennamennamennamenname	2009/12/08
S36	1827	\$35 and ((transfer\$4 shift \$3) with (fd (float\$3 near2 diffusion\$1) txfer\$1 mt\$1 xfer\$1 tx\$1 trfx\$1 tx\$1 tx\$ \$1 tr\$1 drain capacitor\$1 residual))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 17:46
S37	138	S35 and ((sensor51 pixelS1 paxelS1 pelS1 photodiode S1 cmos ccd photoelectric S4 photo photocellS1) with (transferS4 shiftS3) with ((if (floatS3 near2 diffusion S1) txferS1 mtS1 xferS1 tx S1 trxS1 txxS1 txxS1 txS1 drain capacitorS1 residual))	US-PGPUB; USPAT: USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 17:47
S38	8	fall with speed with low with residual	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:33
S39	527	(transfer54 shiftS3 fd (float \$3 near2 diffusion51) txfer \$1 mt51 xfer51 tx51 trx\$1 tx\$1	US-PGPUB; USPAT; USOCR; EPO; IPO; DER WENT; IBM_TDB	OR	ON	2009/12/08 18:42

S40	1053	(transfer34 shift33 fd (float \$3 near2 diffusion51) tsfer \$1 mt51 xfcr51 tx51 trfx51 trx51 tx51 tx51 drain capacitor51 residual) same ((tfalf35 slow\$3 long\$3 fast \$3 shor\$43 rise\$1 risin\$2 clevat\$4 declin\$3 inclin\$3 exponential\$2 drop\$4) with (transition\$3 response \$1) with (spec\$51 velocit \$3 rate\$1 ns excond\$51 microsecond\$1 microsec\$1 tim\$3 interval\$1 rang\$3 duration clock\$3 period) with ((low near3 high) (off near3) only	US-PGPUB; USPAT: USOCR; EPO: IPO; DERWENT; BM_TDB	dior	ON	2009/12/08 18:43
S41	17	S40 and ((sensor\$1 pixel\$1 paxel\$1 pel\$1 photodiode \$1 cmos exp photoelectric \$4 photo photoeel\$1\$1) with (transfer\$4 shift\$3) with (fd (float\$3 near2 diffusion \$1) txfer\$1 tx\$1 tx\$1 tx\$1 tx\$1 tx\$1 tx\$1 tx\$1 tx	US-PGPUB; USPAT; USOCR; EPO; IPO; DERWENT; IBM_TDB	OR	Management of the second	2009/12/08 18:43
S42	46165	(transfer\$4 shift\$3 fd (float \$3 near2 diffusion\$1) txfer \$1 mt\$1 xfer\$1 tx\$1 trx\$1 trx\$1 tx\$1 tr\$1 drain capacitor\$1 residual) same (pull\$3 near2 (down up))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:54
\$43	273	\$42 and ((sensor\$1 pixel\$1 paxel\$1 pel\$1 photodiode \$1 cmos ccd photoelectric \$4 photo photocell\$1) with (transfer\$4 shift\$3) with (transfer\$4 shift\$3) with (transfer\$6 near2 diffusion \$1) txfer\$1 txf\$1 txf\$1 txf\$1 tx\$1 tx\$1 tx\$1 tx\$1 tx\$1 tx\$1 tx\$1 tx	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:54
S44	2004	(transferS4 shiftS3 fd (float S3 near2 diffusionS1) txfer S1 mtS1 xfcrS1 txS1 trxS1 txS1 txS1 txS1 txS1 txS1 txS1 txS2 txS1 txS1 txS1 (gradualS2 (bit adj1 bit) (step adj1 step) intermediate mid midway middle slowS3 longS3 speedS1 velocitS3 rateS1) with (pullS3 near2 down))	US-PGPUB; USPAT; USOCR; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:58

S45	***************************************	S44 and ((sens3) pixelS1 paxelS1 pelS1 photodiode \$1 cmos ced photoelectric \$4 photo photocell\$1) with (transfer4* shifts3) with (fd (float\$3 near2 diffusion \$1) toffer\$1 mi\$1 sfer\$1 to \$1 toff\$1 km\$1 tof\$1 tof\$1 drain capacitor\$1 residu \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	MON	2009/12/08 18:59
S46	2093	(transfer54 shift53 fd (float \$3 near2 diffusion\$1) txfer \$1 mt\$1 xfer51 tx\$1 txfs1 tx\$1 tx\$1 tx\$1 tx\$1 drain capacito\$1 residualy same ((gradual\$2 (bit adj1 bit) (step adj1 step) intermediate mid midway middle slow\$3 long\$3 interval\$1 rang\$3 period\$1 speed\$1 velocit\$3 rate\$1) with (duration transition\$2) with ((dow near3 high) (off near3 on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 19:22
S47	28	S46 and ((sens\$3 pixel\$1 paxel\$1 paxel\$1 pel\$1 photodiode \$1 cmos cod photoelectric \$4 photo photoecel\$131 with (transfer\$4 shift\$3) with (fd (float\$3 near\$2 diffusion \$51) xtfer\$1 tx\$1 tr\$\$1 tx\$1 tr\$\$1 tx\$1 tr\$\$1 tx\$1 tx\$1 tx\$1 tx\$1 \$1 drain capacitor\$1 residu \$33)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 19:22
S48	6	("4749882" "5317206" "5568081" "6177819"). PN. OR ("6351148"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 19:27
S49	10	("4728802" "4945419" "5160836").PN. OR ("5376782").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 19:34
S50	19	["20030103153"] "20030133625"] "20030227018"] "20040036008"] "5376782"] "5576763"] "6384394"] "6566697"] "6667768"] "6721464"] "6727946"] "6777660"). PN. OR ("6958776").	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 19:38

S51	3	("5818526" "5898168" "6043479").PN. OR ("7067792").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 19:58
S52	473679	\$3 near2 diffusion\$1) txfer	US-PGPUB; USPAT; USOCR; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 20:38
S53	0		US-PGPUB; USPAT; USOCR	OR	ON	2009/12/09 12:52
S54	4	(11/573069 11/659419 11/672119 11/673366)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/09 12:52

EAST Search History (Interference)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L66	0	(transfer\$4 and (control\$4 driv\$3 gate\$1 circuit\$2 transistor\$1 switch\$3) and fall and speed and chang\$3 and second and level and first and slower and rise). clm.	USPAT; UPAD	OR	ON	2009/12/17 17:59
L67	0	((pixel imag\$3 photoelectric photodiode photogate photo) and transfer\$4 and (control \$4 driv\$3 gate\$1 circuit\$2 transistor\$1 switch\$3) and (decreas\$3 drop\$4 declin\$3 fall\$3 off clos\$3) and (tim\$3 rate\$1 interval\$1 period speed) and (transition\$3 chang\$3) and (on (second near2 level)) and (off (first near2 level)) and (slower longer) and (faster rise)). clm.	USPAT; UPAD	OR	ON	2009/12/17 18:09

12/17/2009 6:22:36 PM

C:\Documents and Settings\cquiett\My Documents\EAST\Workspaces\09929037d.wsp